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Rec'd I PTO 28 JUN 1996

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BOX ASSIGNMENTS  
PATENT  
230-110P

RECEIVED

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS: NAKAMURA, Seiji et al.

19 AUG 1996

SERIAL NO.: NEW

Legal Staff  
GROUP: Unassigned Division

FILED: 28 June 1996

EXAMINER: Unassigned

FOR: GENE ENCODING ADSEVERIN

RECORDING OF ASSIGNMENT

Honorable Commissioner of Patents  
and Trademarks  
Washington, D.C. 20231

28 June 1996

Sir:

Please record the attached original documents or copy thereof.

1. Name of Conveying party(ies) (e.g. inventor(s)):

NAKAMURA, Seiji (deceased)  
SAKURAI, Takashi and  
NEZU, Jun-ichi

2.. Name and address of receiving party(ies) (e.g. assignee):

CHUGAI SEIYAKU KABUSHIKI KAISHA  
5-1, Ukima 5-chome  
Kita-ku, Tokyo 115, Japan

3. Nature of Conveyance:

- Assignment  
 Security Agreement  
 Merger  
 Change of Name  
 Other \_\_\_\_\_

Execution Date: June 17, 1996

4. Application number(s) or patent number(s):

If this document is being filed together with a new patent application, the execution date(s) of the application is (are)  
June 17, 1996.

A. Patent Application Number(s):

B. Patent Number(s):

5. Name and address of party to whom correspondence concerning document should be mailed:

Birch, Stewart, Kolasch & Birch, LLP  
P.O. Box 747  
Falls Church, VA 22040-0747  
(703) 205-8000

6. Total number of applications and patents involved: one (1)

7.  The recording fee in the amount of \$40.00 is enclosed.

8.  Please charge Deposit Account No. 02-2448 in the amount of \$\_\_\_\_\_. A duplicate copy of this request is enclosed.
9.  The Commissioner is hereby authorized to charge any fees under 37 C.F.R. §§ 1.16-1.21(h) which may be required, or credit any overpayment to Deposit Account No. 02-2448.

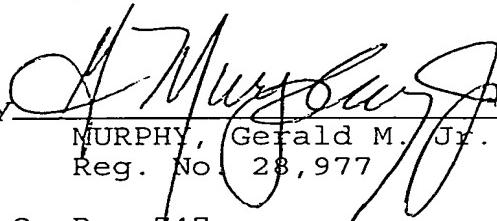
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Respectfully submitted,

BIRCH, STEWART, KOLASCH & BIRCH, LLP

By

MURPHY, Gerald M. Jr.  
Reg. No. 28,977

  
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Falls Church, VA 22040-0747  
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Date: 28 June 1996

GMM/gg  
230-110P

TOTAL NUMBER OF PAGES INCLUDING COVER SHEET,  
ATTACHMENTS, AND DOCUMENT: 5

(Rev. 08-19-93)

ATTORNEY DOCKET NO.

230-110P

## ASSIGNMENT

Serial No. \_\_\_\_\_

Filed 06-28-96

Insert Name(s)  
of Inventor(s)

WHEREAS, Seiji NAKAMURA (deceased),

Takashi SAKURAI and

Jun-ichi NEZU

Insert Title  
of Invention

(hereinafter designated as the undersigned) has (have) invented certain new and useful improvements in \_\_\_\_\_

GENE ENCODING ADSEVERIN

Insert Date  
of Signing of  
Application

on June 17, 1996

; and

WHEREAS, CHUGAI SEIYAKU KABUSHIKI KAISHA

Insert Name  
of Assignee

of 5-1, Ukima 5-chome, Kita-ku, Tokyo 115 Japan

its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent(s) that may be granted therefor in the United States of America;

NOW THEREFORE, in consideration of the sum of Ten Dollars (\$10.00) to the undersigned in hand paid, the receipt of which is hereby acknowledged, and other good and valuable consideration, the undersigned has (have) sold, assigned and transferred, and by these presents do sell, assign and transfer unto said Assignee the full and exclusive right to the said invention in the United States of America and its territories, dependencies and possessions and the entire right, title and interest in and to any and all Letters Patent(s) which may be granted therefor in the United States of America and its territories, dependencies and possessions, and in and to any and all divisions, reissues, continuations and extensions thereof for the full term or terms for which the same may be granted.

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division or reissue thereof or Letters Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents and Trademarks to issue any and all Letters Patents of the United States of America resulting from said application or any division or divisions or continuing or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the law firm of Birch, Stewart, Kolasch and Birch the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U. S. Patent and Trademark Office for recordation of this document.

*In witness whereof*, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date June 17, 1996 Name of Inventor Noriko Nakamura (SEAL)  
Noriko NAKAMURA (signature) (Heir of Seiji NAKAMURA)

Date June 17, 1996 Name of Inventor Takashi Sakurai (SEAL)  
Takashi SAKURAI (signature)

Date June 17, 1996 Name of Inventor Jun-ichi Nezu (SEAL)  
Jun-ichi NEZU (signature)

Date \_\_\_\_\_ Name of Inventor \_\_\_\_\_ (SEAL)  
(signature)

Date \_\_\_\_\_ Name of Inventor \_\_\_\_\_ (SEAL)  
(signature)

(This assignment should preferably be acknowledged before a United States Consul or Notary Public. If not, then the execution by the Inventor(s) should be witnessed by at least two other persons who sign here.)

Witness Masamitsu Honda

Witness Noriko Takamura

Witness J. M. P. M.

Z30-10



**UNITED STATES DEPARTMENT OF COMMERCE**  
**Patent and Trademark Office**  
 ASSISTANT SECRETARY AND COMMISSIONER  
 OF PATENTS AND TRADEMARKS  
 Washington, D.C. 20231

MARCH 03, 1998

PTAS

BIRCH, STEWART, KOLASCH & BIRCH, LLP  
 GERALD M. MURPHY, JR.  
 P.O. BOX 747  
 FALLS CHURCH, VA 22040-0747



\*100614433A\*

**UNITED STATES PATENT AND TRADEMARK OFFICE**  
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BRIEF: ASSIGNMENT OF ASSIGNEE'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR: NOKO

NAKAMURA, SEIJI, (DECEASED) HEIR OF      DOC DATE: 06/17/1996  
 SEIKI NAKAMURA (

ASSIGNOR:

SAKURAI, TAKASHI

DOC DATE: 06/17/1996

ASSIGNOR:

NEZU, JUN-ICHI

DOC DATE: 06/17/1996

ASSIGNEE:

CHUGAI SEIYAKU KABUSHIKI KAISHA  
 5-1, UKIMA 5-CHOME  
 KITA-KU, TOKYO 115, JAPAN

SERIAL NUMBER: 08669286

FILING DATE:

PATENT NUMBER:

ISSUE DATE:

JEEVON JONES, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS